

IN THE CLAIMS:

Please cancel claims 2 and 10. Please also amend claims 1, and 3-9, and add new claim 11, as shown in the complete list of claims that is presented below.

Claim 1 (currently amended): An electricity storage controller for a vehicles vehicle comprising:

a rotary electric machine ~~which constitutes~~ serving as a prime mover of ~~[[a]]~~ the vehicle;

an electricity storage device serving as a main power source of the rotary electric machine and ~~composed of including a plurality of capacitor modules~~ power storage module ~~each of~~ which contains plural ~~capacitor~~ storage cells that are connected in series;

~~means for calculating~~ determining assigned voltages of ~~each capacitor modules~~ the storage cells;

means for calculating an average value of the assigned voltages; and

means for equalizing the assigned voltages of ~~each modules~~ the storage cells based on the average ~~value.~~ value, the means for equalizing including:

a plurality of bypass circuits, which are normally open, and which are connected in parallel with respective ones of the storage cells;

means for setting a bypass reference voltage based on the average value of the assigned voltages of the storage cells; and

means for closing the bypass circuits of the storage cells if their assigned voltage exceeds the bypass reference voltage.

Claim 2 (canceled).

Claim 3 (currently amended): An electricity storage controller for a vehicles vehicle according to claim 1, further comprising means for determining whether or not vehicle conditions allow closing of the bypass ~~circuit~~ circuits, and wherein the bypass ~~circuit~~ circuits can be closed only when the determination means makes an affirmative determination.

Claim 4 (currently amended): An electricity storage controller for a vehicles vehicle according to claim 3, wherein the determination means does not allow ~~[[the]]~~ an affirmative determination when a temperature of the ~~capacitor~~ storage module ~~exceeds~~ is outside a normal range.

Claim 5 (currently amended): An electricity storage controller for a vehicles vehicle according to claim 3, wherein the vehicle include an inverter between the rotary electric machine and the electricity storage device, and wherein the determination means does not allow ~~[[the]]~~ an affirmative determination when an inverter current of ~~[[an]]~~ the inverter ~~which is a relay between the rotary electric machine and the electricity storage device~~ is greater than a stipulated value.

Claim 6 (currently amended): An electricity storage controller for a vehicles vehicle according to claim ~~[[2]]~~ 1, wherein ~~[[the]]~~ each bypass circuit comprises a resistance and a bypass transistor.

Claim 7 (currently amended): An electricity storage controller for a vehicles vehicle according to claim ~~[[2]]~~ 1, wherein the means for calculating assigned voltages ~~of the capacitor modules~~ comprises means for detecting ~~assigned voltages~~ the cell voltage of each ~~capacitor cells~~ storage cell ~~which are connected in series~~ and means for summing up the detected values, ~~of the assigned voltages of the capacitor cells as a total voltage of each capacitor module.~~

Claim 8 (currently amended): An electricity storage controller for vehicles according to claim 7, further comprising at least one additional power storage module, and wherein the means for calculating an average value ~~of assigned voltages of the capacitor modules~~ comprises means for summing up a total voltage of ~~[[each]]~~ the ~~capacitor~~ modules and means for dividing ~~[[its]]~~ the total value by the number of ~~capacitor~~ modules.

Claim 9 (currently amended): An electricity storage controller for a ~~vehicles~~ vehicle according to claim ~~[[2]]~~ 1, further comprising at least one additional power storage module, and wherein the means for calculating an average value of assigned voltages of the capacitor cells from the average value of the assigned voltages of the capacitor modules is comprises means for dividing an average value of assigned voltages of the capacitor modules by the number of ~~series of the capacitor cells of a set of the capacitor modules.~~

Claim 10 (canceled).

Claim 11 (new): An electricity storage controller for vehicles according to claim 1, wherein the power storage module is a capacitor module and the storage cells are capacitor cells.